

OIPE

#2

## RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/991,433

TIME: 13:47:26

Input Set : A:\TRIEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

**ENTERED**

```

4 <110> APPLICANT: Broliden, Kristina
5   Westgren, Magnus
7 <120> TITLE OF INVENTION: USE OF PARVOVIRUS CAPSID PARTICLES IN
8   THE INHIBITION OF CELL PROLIFERATION AND MIGRATION
11 <130> FILE REFERENCE: TRIEP.019CP1
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/991,433
C--> 14 <141> CURRENT FILING DATE: 2001-11-16
16 <150> PRIOR APPLICATION NUMBER: US 09/447,693
17 <151> PRIOR FILING DATE: 1999-11-23
19 <150> PRIOR APPLICATION NUMBER: SE 9804022-3
20 <151> PRIOR FILING DATE: 1998-11-24
22 <160> NUMBER OF SEQ ID NOS: 63
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 7
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
33   particles
35 <400> SEQUENCE: 1
36 Lys Tyr Val Thr Gly Ile Asn
37 1      5
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 21
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
47   particles
49 <400> SEQUENCE: 2
50 Gly Leu Asn Met His Thr Tyr Phe Pro Asn Lys Gly Thr Gln Gln Tyr
51 1      5      10      15
52 Thr Asp Gln Ile Glu
53      20
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 16
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
63   particles
65 <400> SEQUENCE: 3
66 Thr Tyr Phe Pro Asn Lys Gly Thr Gln Gln Tyr Thr Asp Gln Ile Glu
67 1      5      10      15
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 12

```

## RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/991,433

TIME: 13:47:26

Input Set : A:\TRIPEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

```

72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
77     particles
79 <400> SEQUENCE: 4
80 Asn Lys Gly Thr Gln Gln Tyr Thr Asp Gln Ile Glu
81 1           5           10
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 10
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
91     particles
93 <400> SEQUENCE: 5
94 Asn Lys Gly Thr Gln Gln Tyr Thr Asp Gln
95 1           5           10
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 8
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
105     particles
107 <400> SEQUENCE: 6
108 Asn Lys Gly Thr Gln Gln Tyr Thr
109 1           5
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 6
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
119     particles
121 <400> SEQUENCE: 7
122 Gln Gln Tyr Thr Asp Gln
123 1           5
126 <210> SEQ ID NO: 8
127 <211> LENGTH: 4
128 <212> TYPE: PRT
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
133     particles
135 <400> SEQUENCE: 8
136 Gln Gln Tyr Gln
137 1
140 <210> SEQ ID NO: 9

```

## RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/991,433

TIME: 13:47:26

Input Set : A:\TRIPEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

```

141 <211> LENGTH: 20
142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
148 <400> SEQUENCE: 9
149 Met Thr Ser Val Asn Ser Ala Glu Ala Ser Thr Gly Ala Gly Gly Gly
150 1 5 10 15
151 Gly Ser Asn Pro
152 20
155 <210> SEQ ID NO: 10
156 <211> LENGTH: 20
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
163 <400> SEQUENCE: 10
164 Thr Gly Ala Gly Gly Gly Ser Asn Pro Val Lys Ser Met Trp Ser
165 1 5 10 15
166 Glu Gly Ala Thr
167 20
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 20
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
178 <400> SEQUENCE: 11
179 Val Lys Ser Met Trp Ser Glu Gly Ala Thr Phe Ser Ala Asn Ser Val
180 1 5 10 15
181 Thr Cys Thr Phe
182 20
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 20
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
193 <400> SEQUENCE: 12
194 Phe Ser Ala Asn Ser Val Thr Cys Thr Phe Ser Arg Gln Phe Leu Ile
195 1 5 10 15
196 Pro Tyr Asp Pro
197 20
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 20
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid

```

## RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/991,433

TIME: 13:47:26

Input Set : A:\TRIPEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

```

208 <400> SEQUENCE: 13
209 Ser Arg Gln Phe Leu Ile Pro Tyr Asp Pro Glu His His Tyr Lys Val
210 1 5 10 15
211 Phe Ser Pro Ala
212 20
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 20
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
223 <400> SEQUENCE: 14
224 Glu His His Tyr Lys Val Phe Ser Pro Ala Ala Ser Ser Cys His Asn
225 1 5 10 15
226 Ala Ser Gly Lys
227 20
230 <210> SEQ ID NO: 15
231 <211> LENGTH: 20
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
238 <400> SEQUENCE: 15
239 Ala Ser Ser Cys His Asn Ala Ser Gly Lys Glu Ala Lys Val Cys Thr
240 1 5 10 15
241 Ile Ser Pro Ile
242 20
245 <210> SEQ ID NO: 16
246 <211> LENGTH: 20
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
253 <400> SEQUENCE: 16
254 Glu Ala Lys Val Cys Thr Ile Ser Pro Ile Met Gly Tyr Ser Thr Pro
255 1 5 10 15
256 Trp Arg Tyr Leu
257 20
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 20
262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
268 <400> SEQUENCE: 17
269 Met Gly Tyr Ser Thr Pro Trp Arg Tyr Leu Asp Phe Asn Ala Leu Asn
270 1 5 10 15
271 Leu Phe Phe Ser
272 20

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/991,433

DATE: 12/03/2001

TIME: 13:47:26

Input Set : A:\TRIPEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

```

275 <210> SEQ ID NO: 18
276 <211> LENGTH: 20
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
283 <400> SEQUENCE: 18
284 Asp Phe Asn Ala Leu Asn Leu Phe Phe Ser Pro Leu Glu Phe Gln His
285 1 5 10 15
286 Leu Ile Glu Asn
287 20
290 <210> SEQ ID NO: 19
291 <211> LENGTH: 20
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
298 <400> SEQUENCE: 19
299 Pro Leu Glu Phe Gln His Leu Ile Glu Asn Tyr Gly Ser Ile Ala Pro
300 1 5 10 15
301 Asp Ala Leu Thr
302 20
305 <210> SEQ ID NO: 20
306 <211> LENGTH: 20
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
313 <400> SEQUENCE: 20
314 Tyr Gly Ser Ile Ala Pro Asp Ala Leu Thr Val Thr Ile Ser Glu Ile
315 1 5 10 15
316 Ala Val Lys Asp
317 20
320 <210> SEQ ID NO: 21
321 <211> LENGTH: 20
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Peptide fragments derived from parvovirus capsid
328 <400> SEQUENCE: 21
329 Val Thr Ile Ser Glu Ile Ala Val Lys Asp Val Thr Asp Lys Thr Gly
330 1 5 10 15
331 Gly Gly Val Gln
332 20
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 20
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:

```

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/991,433

DATE: 12/03/2001

TIME: 13:47:27

Input Set : A:\TRIPEP019CP1.TXT

Output Set: N:\CRF3\11212001\I991433.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date